

1035-F1-1257      **Morteza Seddighin\*** (mseddigh@indiana.edu), 2325 Chester Blvd, Richmond, IN 47374.  
*Student Generated Examples of Proof Techniques.* Preliminary report.

One of the effective methods of teaching a transition course is to require students to provide examples for each proof technique discussed in the course. Students typically present examples from subject areas that are familiar to them. These subject areas include algebra, geometry, trigonometry, and calculus and logic itself. This approach shows students that the proof techniques they use in advance courses such as real analysis and modern algebra are basically the same techniques they have been using in elementary courses. (Received September 19, 2007)